

Substitute for 1008 M49A/PCTA  
PATENT TRADEMARK OFFICE

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 5

		Complete If Known	
		Application Number	10/660,462
		Filing Date	September 11, 2003
		First Named Inventor	Lurie, Keith G.
		Art Unit	3736
		Examiner Name	Andrea M. Ragonese
		Attorney Docket Number	016354-005211US

## U.S. PATENT DOCUMENTS\*

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AWR	A1	US-2,774,346	12-1956	Halliburton	
	A2	US-3,077,884	02-1963	Batrow et al.	
	A3	US-3,191,596	06-1965	Bird et al.	
	A4	US-3,191,596	06-1965	Bird et al.	
	A5	US-3,307,541	03-07-1967	Hewson	
	A6	US-3,459,216	08-1969	Bloom et al.	
	A7	US-3,515,163	06-1970	Freeman	
	A8	US-3,662,751	05-1972	Barkalow et al.	
	A9	US-3,669,108	06-1972	Sundblom et al.	
	A10	US-3,794,043	02-1974	McGinnis	
	A11	US-3,815,606	06-11-1974	Mazal	
	A12	US-3,834,383	09-1974	Weigl et al.	
	A13	US-3,933,171	01-1976	Hay	
	A14	US-4,041,943	08-1977	Miller	
	A15	US-4,077,404	03-07-1978	Elam	
	A16	US-4,166,458	09-04-1979	Harrigan	
	A17	US-4,226,233	10-07-1980	Kritzer	
	A18	US-4,259,951	04-07-1981	Chernack et al.	
	A19	US-4,298,023	11-1981	McGinnis	
	A20	US-4,316,458	02-1982	Hammerton-Fraser	
	A21	US-4,320,754	03-23-1982	Watson et al.	
	A22	US-4,349,015	09-1982	Alferness	
	A23	US-4,397,306	08-09-1983	Weisfeldt et al.	
	A24	US-4,446,864	05-08-1984	Watson et al.	
	A25	US-4,449,526	05-22-1984	Elam	
	A26	US-4,481,938	11-13-1984	Lindley	
	A27	US-4,533,137	08-06-1985	Sonne	
	A28	US-4,601,465	07-22-1986	Roy	
	A29	US-4,809,683	03-1989	Hanson	
	A30	US-4,827,935	05-09-1989	Geddes et al.	
	A31	US-4,881,527	11-21-1989	Lerman	
	A32	US-4,898,166	02-06-1990	Rose et al.	
	A33	US-4,928,674	05-29-1990	Halperin et al.	
	A34	US-5,014,698	05-1991	Cohen	
	A35	US-5,016,627	05-1991	Dahrendorf	
	A36	US-5,050,593	09-24-1991	Poon	
	A37	US-5,056,505	10-15-1991	Warwick et al.	
	A38	US-5,109,840	05-05-1992	Daleidon	
	A39	US-5,163,424	11-1992	Kohnke	
	A40	US-5,184,620	02-1993	Cudahy et al.	
	A41	US-5,193,544	03-1993	Jaffe	

Examiner Signature

*Andrea M. Ragonese*

Date Considered

4/25/05

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60432304 v1

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
				Application Number	10/660,462
				Filing Date	September 11, 2003
				First Named Inventor	Lurie, Keith G.
				Art Unit	3736
				Examiner Name	Andrea M. Ragonese
Sheet	2	of	5	Attorney Docket Number	016354-005211US

<b>U.S. PATENT DOCUMENTS+</b>					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AMR	A42	US-5,217,006	06-08-1993	McCulloch	
	A43	US-5,235,970	08-1993	Augustine	
	A44	US-5,263,476	11-1993	Henson	
	A45	US-5,295,481	03-1994	Geeham	
	A46	US-5,301,667	04-1994	McGrail et al.	
	A47	US-5,305,743	04-1994	Brain	
	A48	US-5,355,879	10-1994	Brain	
	A49	US-5,359,998	11-1994	Lloyd	
	A50	US-5,392,774	02-28-1995	Sato	
	A51	US-5,398,714	03-1995	Price	
	A52	US-5,454,779	10-1995	Lurie et al.	
	A53	US-5,492,116	02-1996	Scarberry et al.	
	A54	US-5,496,257	03-05-1996	Kelly	
	A55	US-5,517,986	05-1996	Starr et al.	
	A56	US-5,551,420	09-03-1996	Lurie et al.	
	A57	US-5,584,866	12-1996	Kroll et al.	
	A58	US-5,628,305	05-13-1997	Melker	
	A59	US-5,632,298	05-1997	Artinian	
	A60	US-5,645,522	07-1997	Lurie et al.	
	A61	US-5,692,498	12-02-1997	Lurie et al.	
	A62	US-5,704,346	01-06-1998	Inoue	
	A63	US-5,730,122	03-24-1998	Lurie	
	A64	US-5,735,876	04-1998	Kroll et al.	
	A65	US-5,738,637	04-1998	Kelly et al.	
	A66	US-5,782,883	07-1998	Kroll et al.	
	A67	US-5,814,086	09-29-1998	Hirschberg et al.	
	A68	US-6,029,667	02-2000	Lurie	
	A69	US-6,062,219	05-16-2000	Lurie et al.	
	A70	US-6,155,257	12-05-2000	Lurie et al.	
	A71	US-6,224,562 B1	05-01-2001	Lurie et al.	
	A72	US-6,234,985 B1	05-22-2001	Lurie et al.	
	A73	US-2001/0029399 A1	10-11-2001	Orr et al.	
	A74	US-6,312,399 B1	11-06-2001	Lurie et al.	
	A75	US-2002/0069878 A1	06-13-2002	Lurie et al.	
	A76	US-6,425,393	07-30-2002	Lurie et al.	
	A77	US-6,459,933 B1	10-01-2002	Lurie et al.	
	A78	US-6,463,327 B1	10-08-2002	Lurie et al.	
	A79	US-2002/0170562 A1	11-21-2002	Lurie et al.	
	A80	US-2003/0037784 A1	02-27-2003	Lurie	
	A81	US-6,526,973	03-04-2003	Lurie et al.	

Examiner Signature	Andy M. Ragonese	Date Considered	4/25/05
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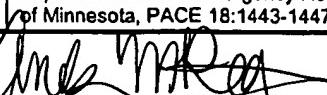
<b>U.S. PATENT DOCUMENTS+</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
AMR	A82	US-2003/0062041 A1		04-03-2003	Lurie et al.
	A83	US-6,578,574		06-2003	Kohnke
	A84	US-6,587,726 B2		07-01-2003	Lurie et al.
	A85	US-6,604,523		08-12-2003	Lurie et al.
	A86	US-6,792,947		09-2004	Bowden

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	
AMR	B1	CA	668771		08-20-1963
	B2	CA	2077608	A1	03-14-1993
	B3	DE	24 53 490	A1	05-15-1975
	B4	EP	0 029 352	A1	05-27-1981
	B5	EP	0 139 363	A1	05-02-1985
	B6	EP	0 245 142	A1	11-11-1987
	B7	EP	0 367 285	B1	05-09-1990
	B8	EP	0 411 714	A1	02-06-1991
	B9	EP	0 509 773	A1	10-21-1992
	B10	GB	1 465 127		02-23-1977
	B11	GB	2 139 099	A	11-07-1984
	B12	PCT	WO90/05518	A1	05-31-1990
	B13	PCT	WO93/21982	A1	11-11-1993
	B14	PCT	WO94/26229	A1	11-24-1994
	B15	PCT	WO95/13108	A1	05-18-1995
	B16	PCT	WO95/28193	A1	10-26-1995
	B17	PCT	WO96/28215	A1	09-19-1996
	B18	PCT	WO99/63926	A1	12-16-1999
	B19	PCT	WO01/70332	A1	09-27-2001
	B20	PCT	WO02/092169	A1	11-21-2002

Examiner Signature	<i>Andrea M. Ragonese</i>	Date Considered	4/25/05
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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
				<i>Application Number</i>	10/660,462
				<i>Filing Date</i>	September 11, 2003
				<i>First Named Inventor</i>	Lurie, Keith G.
				<i>Art Unit</i>	3736
				<i>Examiner Name</i>	Andrea M. Ragone
Sheet	4	of	5	<i>Attorney Docket Number</i>	016354-005211US

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
AMR	C1	Christenson, J.M., "Abdominal Compressions During CPR: Hemodynamic Effects of Altering Timing and Force", The Journal of Emergency Medicine, vol. 10, pp. 257-266, 1992.			
	C2	Cohen, Todd J. et al., "Active Compression-Decompression Resuscitation: a Novel Method of Cardiopulmonary Resuscitation", Department of Medicine and the Cardiovascular Research Institute, UC San Francisco, American Heart Journal 126(5):1145-1150, 1992.			
	C3	Cohen, Todd J. et al., "Active Compression-Decompression: A New Method of Cardiopulmonary Resuscitation", JAMA 267(21): 2916-2923 (Jun. 3, 1992).			
	C4	Ambu International A/S "Directions for use of Ambu® CardioPump™", 8 pages.			
	C5	Dupuis, Yvon G., <u>Ventilators- Theory and Clinical Application</u> , pp. 447-448, 481, 496; Jan. 1986, Mosby Company.			
	C6	Geddes, L.A. et al., "Inspiration Produced by Bilateral Electromagnetic, Cervical Phrenic Nerve Stimulation in Man," IEEE Transactions on Biomedical Engineering 38(9): 1047-1048 (Oct. 1991).			
	C7	Geddes, L.A. et al., "Optimum Stimulus Frequency for Contracting the Inspiratory Muscles with chest Surface Electrodes to Produce Artificial respiration," Annals of Biomedical Engineering 18:103-108 (1990).			
	C8	Geddes, L.A., "Electrically Produced Artificial Ventilation," Medical Instrumentation 22(5): 263-271 (1988).			
	C9	Geddes, L.A., "Electroventilation-A Missed Opportunity?", Biomedical Instrumentation & Technology, Jul./Aug. 1998, pp. 401-414.			
	C10	Glenn, William W.L. et al., "Diaphragm Pacing by Electrical Stimulation of the Phrenic Nerve," Neurosurgery 17(6): 974-984 (1985).			
	C11	Glenn, William W.L., et al., "Twenty Years of Experience in Phrenic Nerve Stimulation to Pace the Diaphragm," Pace 9: 780-784 (Nov./Dec. 1986, Part I).			
	C12	Kotze, P.L. et al., "Diaphragm Pacing in the Treatment of Ventilatory Failure," San. Deel 68:223-224 (Aug. 17, 1995).			
	C13	Laghi, Franco et al., "Comparison of Magnetic and Electrical Phrenic Nerve Stimulation in assessment of Diaphragmatic Contractility," American Physiological Society, pp. 1731-1742 (1996).			
	C14	Lindner, Karl H. et al., "Effects of Active Compression-Decompression Resuscitation on Myocardial and Cerebral Blood Flow in Pigs" Department of Anesthesiology and Critical Care Medicine, University of Ulm, Germany, Circulation 88(3):1254-1263, (Oct. 7, 1993).			
↓	C15	Lurie, Keith G. et al., "Regulated to Death: The Matter of Informed Consent for Human Experimentation in Emergency Resuscitation Research," Cardiac Arrhythmia Center at the University of Minnesota, PACE 18:1443-1447 (Jul. 1995).			
Examiner Signature			Date Considered	4/25/09	

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<b>NON PATENT LITERATURE DOCUMENTS</b>			
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<i>AMR</i>	C16	Mushin W. W. et al., "Automatic Ventilation of the Lungs—The Lewis-Leigh Inflating Valve," Blackwell Scientific, Oxford, GB, p. 838.	
	C17		

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